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<213> Homo sapiens

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35 40 45

Phe Gly Ile Asp Lys Thr Ala Thr Cys Arg Thr Val Ala Val Lys Met
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Leu Lys Glu Gly Ala Thr His Ser Glu His Arg Ala Leu Met Ser Glu
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Leu Lys Ile Leu Ile His Ile Gly His His Leu Asn Val Val Asn Leu
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Leu Gly Ala Cys Thr Lys Pro Gly Gly Pro Leu Met Val Ile Val Glu
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Phe Cys Lys Phe Gly Asn Leu Ser Thr Tyr Leu Arg Ser Lys Arg Asn
115 120 125

Glu Phe Val Pro Tyr Lys Glu Ala Pro Glu Asp Leu Tyr Lys Asp Phe
130 135 140

Leu Thr Leu Glu His Leu Leu Ile Cys Tyr Ser Phe Gln Val Ala Lys
145 150 155 160

Gly Met Glu Phe Leu Ala Ser Arg Lys Cys Ile His Arg Asp Leu Ala
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Ala Arg Asn Ile Leu Leu Ser Glu Lys Asn Val Val Lys Ile Cys Asp
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Phe Gly Leu Ala Arg Asp Ile Tyr Lys Asp Pro Asp Tyr Val Arg Lys
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Gly Asp Ala Arg Leu Pro Leu Lys Trp Met Ala Pro Glu Thr Ile Phe
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Ile Asp Glu Glu Phe Cys Arg Arg Leu Lys Glu Gly Thr Arg Met Arg
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Lys Met Ile Gly Lys His Lys Asn Ile Ile Asn Leu Leu Gly Ala Cys
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Thr Gln Asp Gly Pro Leu Tyr Val Ile Val Glu Tyr Ala Ser Lys Gly
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 Asn Leu Arg Glu Tyr Leu Gln Ala Arg Arg Pro Pro Gly Leu Glu Tyr
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 Cys Tyr Asn Pro Ser His Asn Pro Glu Glu Gln Leu Ser Ser Lys Asp
 130 135 140
 Leu Val Ser Cys Ala Tyr Gln Val Ala Arg Gly Met Glu Tyr Leu Ala
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 Ser Lys Lys Cys Ile His Arg Asp Leu Ala Ala Arg Asn Val Leu Val
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 Thr Glu Asp Asn Val Met Lys Ile Ala Asp Phe Gly Leu Ala Arg Asp
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 Val Lys Trp Met Ala Pro Glu Ala Leu Phe Asp Arg Ile Tyr Thr His
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 Leu Leu Lys Glu Gly His Arg Met Asp Lys Pro Ser Asn Cys Thr Asn
 260 265 270
 Glu Leu Tyr Met Met Met Arg Asp Cys Trp His Ala Val Pro Ser Gln
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| Tyr | Asp | Ala | Ser | Lys | Trp | Glu | Phe | Ala | Arg | Glu | Arg | Leu | Lys | Leu | Gly | |
| | | | 20 | | | | | 25 | | | | | 30 | | | |
| Lys | Ser | Leu | Gly | Arg | Gly | Ala | Phe | Gly | Lys | Val | Val | Gln | Ala | Ser | Ala | |
| | | 35 | | | | | 40 | | | | | 45 | | | | |
| Phe | Gly | Ile | Lys | Lys | Ser | Pro | Thr | Cys | Arg | Thr | Val | Ala | Val | Lys | Met | |
| | 50 | | | | | 55 | | | | | 60 | | | | | |
| Leu | Lys | Glu | Gly | Ala | Thr | Ala | Ser | Glu | Tyr | Lys | Ala | Leu | Met | Thr | Glu | |
| | 65 | | | | 70 | | | | | 75 | | | | | 80 | |
| Leu | Lys | Ile | Leu | Thr | His | Ile | Gly | His | His | Leu | Asn | Val | Val | Asn | Leu | |
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| Leu | Gly | Ala | Cys | Thr | Lys | Gln | Gly | Gly | Pro | Leu | Met | Val | Ile | Val | Glu | |
| | | | 100 | | | | | 105 | | | | | 110 | | | |
| Tyr | Cys | Lys | Tyr | Gly | Asn | Leu | Ser | Asn | Tyr | Leu | Lys | Ser | Lys | Arg | Asp | |
| | | 115 | | | | | 120 | | | | | 125 | | | | |
| Leu | Phe | Phe | Leu | Asn | Lys | Asp | Ala | Ala | Leu | His | Met | Glu | Pro | Lys | Lys | |
| | 130 | | | | | 135 | | | | | 140 | | | | | |
| Glu | Lys | Met | Glu | Pro | Gly | Leu | Glu | Gln | Gly | Lys | Lys | Pro | Arg | Leu | Asp | |
| | 145 | | | | 150 | | | | | 155 | | | | | 160 | |
| Ser | Val | Thr | Ser | Ser | Glu | Ser | Phe | Ala | Ser | Ser | Gly | Phe | Gln | Glu | Asp | |
| | | | | 165 | | | | | 170 | | | | | 175 | | |
| Lys | Ser | Leu | Ser | Asp | Val | Glu | Glu | Glu | Glu | Asp | Ser | Asp | Gly | Phe | Tyr | |
| | | | 180 | | | | | 185 | | | | | 190 | | | |
| Lys | Glu | Pro | Ile | Thr | Met | Glu | Asp | Leu | Ile | Ser | Tyr | Ser | Phe | Gln | Val | |
| | 195 | | | | | 200 | | | | | | 205 | | | | |
| Ala | Arg | Gly | Met | Glu | Phe | Leu | Ser | Ser | Arg | Lys | Cys | Ile | His | Arg | Asp | |
| | 210 | | | | | 215 | | | | | 220 | | | | | |
| Leu | Ala | Ala | Arg | Asn | Ile | Leu | Leu | Ser | Glu | Asn | Asn | Val | Val | Lys | Ile | |
| | 225 | | | | 230 | | | | | 235 | | | | | 240 | |
| Cys | Asp | Phe | Gly | Leu | Ala | Arg | Asp | Ile | Tyr | Lys | Asn | Pro | Asp | Tyr | Val | |
| | | | | 245 | | | | | 250 | | | | | 255 | | |
| Arg | Lys | Gly | Asp | Thr | Arg | Leu | Pro | Leu | Lys | Trp | Met | Ala | Pro | Glu | Ser | |
| | | | 260 | | | | | 265 | | | | | 270 | | | |
| Ile | Phe | Asp | Lys | Ile | Tyr | Ser | Thr | Lys | Ser | Asp | Val | Trp | Ser | Tyr | Gly | |
| | | 275 | | | | | 280 | | | | | 285 | | | | |
| Val | Leu | Leu | Trp | Glu | Ile | Phe | Ser | Leu | Gly | Gly | Ser | Pro | Tyr | Pro | Gly | |
| | 290 | | | | | 295 | | | | | 300 | | | | | |
| Val | Gln | Met | Asp | Glu | Asp | Phe | Cys | Ser | Arg | Leu | Arg | Glu | Gly | Met | Arg | |
| | 305 | | | | 310 | | | | | 315 | | | | | 320 | |

Leu Lys Ile Leu Ile His Ile Gly His His Leu Asn Val Val Asn Leu
85 90 95

Leu Gly Ala Cys Thr Lys Pro Gly Gly Pro Leu Met Val Ile Val Glu
 100 105 110
 Phe Cys Lys Phe Gly Asn Leu Ser Thr Tyr Leu Arg Ser Lys Arg Asn
 115 120 125
 Glu Phe Val Pro Tyr Lys Thr Lys Gly Ala Arg Phe Arg Gln Gly Lys
 130 135 140
 Asp Tyr Val Gly Ala Ile Pro Val Asp Leu Lys Arg Arg Leu Asp Ser
 145 150 155 160
 Ile Thr Ser Ser Gln Ser Ser Ala Ser Ser Gly Phe Val Glu Glu Lys
 165 170 175
 Ser Leu Ser Asp Val Glu Glu Glu Glu Ala Pro Glu Asp Leu Tyr Lys
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 Asp Phe Leu Thr Leu Glu His Leu Leu Ile Cys Tyr Ser Phe Gln Val
 195 200 205
 Ala Lys Gly Met Glu Phe Leu Ala Ser Arg Lys Cys Ile His Arg Asp
 210 215 220
 Leu Ala Ala Arg Asn Ile Leu Leu Ser Glu Lys Asn Val Val Lys Ile
 225 230 235 240
 Cys Asp Phe Gly Leu Ala Arg Asp Ile Tyr Lys Asp Pro Asp Tyr Val
 245 250 255
 Arg Lys Gly Asp Ala Arg Leu Pro Leu Lys Trp Met Ala Pro Glu Thr
 260 265 270
 Ile Phe Asp Arg Val Tyr Thr Ile Gln Ser Asp Val Trp Ser Phe Gly
 275 280 285
 Val Leu Leu Trp Glu Ile Phe Ser Leu Gly Ala Ser Pro Tyr Pro Gly
 290 295 300
 Val Lys Ile Asp Glu Glu Phe Cys Arg Arg Leu Lys Glu Gly Thr Arg
 305 310 315 320
 Met Arg Ala Pro Asp Tyr Thr Thr Pro Glu Met Tyr Gln Thr Met Leu
 325 330 335
 Asp Cys Trp His Gly Glu Pro Ser Gln Arg Pro Thr Phe Ser Glu Leu
 340 345 350
 Val Glu His Leu Gly Asn Leu Leu Gln Ala Asn Ala Gln Gln Asp
 355 360 365

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